Mountain Weather Forecast

Peak District National Park

Forecast valid from 00:00 on Monday 29 Nov 2021 until 23:59 on Tuesday 30 Nov 2021

Forecast Issued on Sunday 28 Nov 2021 at 14:00

Confidence: High confidence for milder conditions to return later on Monday and Tuesday but this is temporary as cold northerly winds return from mid week. Lower confidence about the chance of precipitation on Monday afternoon.

Headline for Monday 29 Nov 2021: Bright start, increasing cloud, chance of rain in the afternoon, strengthening westerly winds.

Mountain weather hazards on Monday 29 Nov 2021

Blizzards
No Likelihood

Heavy Snow
No Likelihood

Storm force winds
No Likelihood

Gales
Low Likelihood

Severe chill effect
Medium Likelihood

Poor visibility
Low Likelihood

Thunderstorms
No Likelihood

Heavy persistent rain
No Likelihood

Strong sunlight
No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Clear night	Clear night	Partly cloudy (night)	Sunny intervals	Cloudy	Cloudy	Dull	Light rain
Precipitation probability							
<05%	<05%	<05%	<05%	20%	30%	30%	30%

Forecast for Monday 29 Nov 2021

Weather: Partly cloudy overnight with clear spells and a sharp frost, strong northerly winds will enhance the severe windchill overnight. A dry, bright and frosty start to Monday morning but becoming increasingly cloudy during the morning, as milder air starts to push in from the west during the afternoon. It will become quite dull by late afternoon with light rain or sleet, increasingly turning to rain as the milder air makes it's way over the Peak District. Precipitation will mainly be light and patchy with a few drier spells during the evening and remaining quite dull.

Chance of cloud free mountain/hill tops above 600m: 95% in the morning but patchy low cloud will develop around northern hills in the early afternoon. The lower cloud will become more broken and spread south in the afternoon associated with the rain and sleet.

Visibility: Good visibility at daybreak with views around the Peak District however it will turn cloudier and duller towards early afternoon especially in the north. By mid afternoon 40% chance of cloud free tops and the best chance around southern tops or hills further east. Cloud will become broken above 400m in the afternoon in the north, perhaps more scattered around 500m in the south and east. Visibility will become poor in any early sleet in the north but will moderate as it turns to rain later in the afternoon.

Check our weather forecast every day to get the most accurate and up to date information
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Forecast for Monday 29 Nov 2021

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	8/11 NW	7/10 N	7/9 W	7/11 W	9/13 W	15/22 SW	21/29 SW	23/31 SW	27/38 W
300	7/10 SW	4/7 W	4/6 N	5/8 SW	6/8 SW	8/14 SW	14/23 SW	17/26 SW	21/32 W
Valley	2/6 NW	1/5 NE	2/4 E	3/9 NW	2/4 SW	3/13 S	7/20 SW	8/22 W	14/30 W

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	-3/-8	-2/-6	-2/-6	-2/-6	-1/-5	-1/-7	0/-6	2/-5	5/-1
300	-2/-6	-2/-4	-2/-4	-0/-3	1/-2	1/-2	3/-2	4/-1	7/2
Valley	-4/-7	-5/-7	-4/-6	-1/-3	0/-1	1/-1	2/-1	4/0	7/3
Freezing Level*	00m	00m	00m	00m	100m	200m	900m	1700m	1700m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Bitterly cold at first in northerly winds but wind chill easing a little later in the day despite strong winds by later afternoon. With a little lying snow it will be slippery underfoot.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
15:00 on Sun 28 Nov 2021	0mm	0mm	8.6mm

Forecast for Tuesday 30 Nov 2021

Weather: A dull and cloudy morning with outbreaks of light and patchy rain or drizzle at times. A few brighter spells may be possible in the east. Rain will intensify in the evening with some heavier periods accompanied by strong winds.

Maximum wind: West or southwesterly 30mph gusting 35-40mph

Chance of cloud free mountain/hill tops above 600m: 20-30%, expected to be quite cloudy at low level associated with rain. Perhaps a few brighter periods in the afternoon in the east.

Visibility: Moderate or poor for most of the day in light rain or drizzle and then heavier rain later. Cloud bases will be broken from 400m above in the north and west, perhaps more scattered from 500m around southern tops.

Temperature: **Valleys:** Plus 10 Celsius.
At 600m: Plus 6 Celsius.
Freezing level: Above the summits.

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